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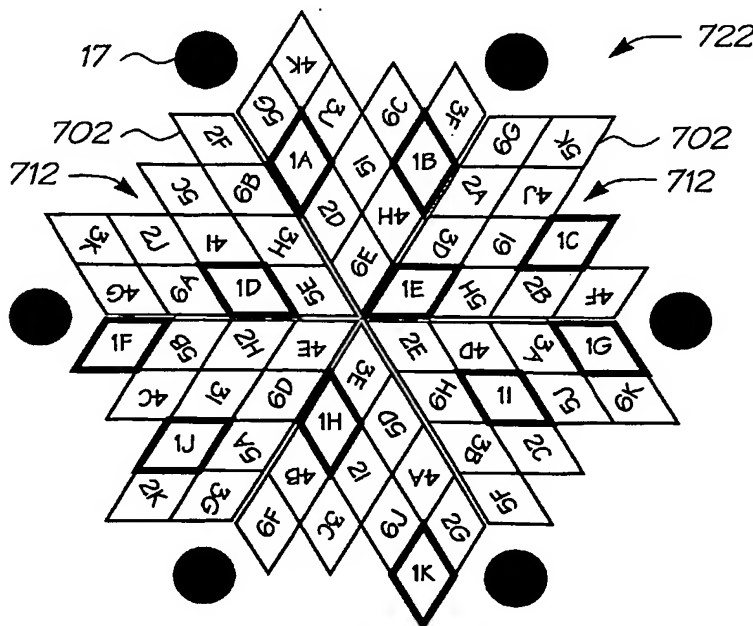
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(54) Title: ROTATIONALLY SYMMETRIC TAGS



(57) Abstract: Machine-readable coded data disposed on or in a substrate in accordance with a layout, and method of generating such coded data. The layout has six-fold rotational symmetry and includes 6 identical sub-layouts rotated 1/6 revolutions apart about a center of rotational symmetry of the layout. The coded data is disposed in accordance with each sub-layout including rotation-indicating data that distinguishes the rotation of that sub-layout from the rotation of at least one other sub-layout within the layout. In one embodiment, the symbols of the sub-layouts are interleaved with each other.

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# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/AU02/01634**

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: G06K 19/06, 9/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
USPTO, DWPI (IPC: G06K, hexagon, star, code)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/26032 A1 (ANOTO AB) 12 <sup>th</sup> April 2001 the whole document	1-34
A	US 5,852,434 A (SEKENDUR) 22 <sup>nd</sup> December 1998 the whole document	1-34
A	US 5,937,110 A (PETRIE et al) 10 <sup>th</sup> August 1999 the whole document	1-34

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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# INTERNATIONAL SEARCH REPORT

International application No.  
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,186,405 B1 (YOSHIOKA) 13 <sup>th</sup> February 2001 the whole document	1-34
A	US 4,896,029 A (CHANDLER et al) 23 <sup>rd</sup> January 1990 the whole document	1-34
A	US 5,202,552 A (LITTLE et al) 13 <sup>th</sup> April 1993 the whole document	1-34

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU02/01634

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
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		BR	200014449	BR	200014676
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		NZ	241291	NZ	260173
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END OF ANNEX					